## INTERNATIONAL SEARCH REPORT

Inten Application No PCT/JP2004/016890

A. CLASSIFICATION OF SUBJECT MATTER . C12N1/20 C12N15/75									
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS	SEARCHED								
Minimum documentation searched (classification system followed by classification symbols)  C12N									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic da	ata base consulted during the international search (name of data bas	se and, where practical, search terms used)							
EPO-Internal , WPI Data, PAJ, BIOSIS, EMBASE									
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No						
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_ ,,	claims 8,9; sequences 2,1	1.0							
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Y	WO 96/34961 A (GENENCOR INTERNATI INC; UNIVERSIDAD NACIONAL AUTONOM MEXICO) 7 November 1996 (1996-11- page 7, paragraph 3; table 1 page 3, paragraph 2; claim 2	1-9							
	ner documents are listed in the continuation of box C	Patent family members are listed in	n annex						
		<sup>1</sup> T <sup>1</sup> later document published after the inter-							
"A" document defining the general state of the art which is not considered to be of particular relevance or pnority date and not in conflict with the application but cited to understand the principle or theory underlying the									
<sup>1</sup> E" earlier d	E" earlier document but published on or afterthe international "X" document of particular relevance, the claimed invention								
"L' documer	"L' document which may throw doubts on prionty claim(s) or cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone								
	is cited to establish the publication date of another a or other special reason (as specified)	<sup>1</sup> Y <sup>1</sup> document of particular relevance, the c cannot be considered to involve an inv							
"O' docume other r	nt referring to an oral disclosure, use, exhibition or means	document is combined with one or mo ments, such combination being obviou	re other such docu-						
"P" documen	"P" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family								
Date of the	actual completion of the international search	Date of mailing of the international sear	ch report						
2	8 Apri 1 2005	01/12/2005							
Name and n	nailing address of the ISA	Authorized officer							
	European Patent Office, P B 5818 Patentlaan 2 NL - 2280 HV RUSWUR TeI (+31-70) 340-2040, Tx 31651 epo nl, Fax (+31-70) 340-3016	Marches ini , P							

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	uation) DOCUMENTS CONSIDERED TO BE RELEVANT					
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim NIo.				
Υ	HIROKI YAMAMOTO ET AL: "DETERMINATION OF A 12 KB NUCLEOTIDE SEQUENCE AROUND THE 760 REGION OF THE BACILLUS SUBTILIS CHROMOSOME" MICROBIOLOGY, SOCIETY FOR GENERAL MICROBIOLOGY, READING, GB, vol. 142, 1996, pages 1417-1421, XP002924538 ISSN: 1350-0872 abstract; table 2	1-9				
Υ	REIZER JONATHAN ET AL: "Novel phosphotransferase system genes revealed by genome analysis - the complete complement of PTS proteins encoded within the genome of Bacillus subtilis" MICROBIOLOGY (READING), vol. 145, no. 12, December 1999 (1999-12), pages 3419-3429, XP002326596 ISSN: 1350-0872 abstract; table 2	1-9				
Υ	YAMAMOTO HIROKI ET AL: "Regulation of the glv operon in Bacillus subtil is: YfiA (GIvR) is a positive regulator of the operon that is repressed through CcpA and ere"  JOURNAL OF BACTERIOLOGY, vol. 183, no. 17, September 2001 (2001-09), pages 5110-5121, XP002326597 ISSN: 0021-9193 abstract	1-9				

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